

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1-18. (Canceled).

19. (New) A base station apparatus that is controlled by a base station control apparatus and that performs data transmission to and reception from a mobile station apparatus by way of radio communication, said base station apparatus comprising:

a quality deficiency signal generation section that generates a quality deficiency signal when reception quality at the mobile station apparatus is lower than a predetermined threshold value; and

a quality deficiency signal reporting section that reports the quality deficiency signal to the base station control apparatus.

20. (New) A base station apparatus that is controlled by a base station control apparatus and that performs data transmission to and reception from a mobile station apparatus by

way of radio communication, said base station apparatus comprising:

a quality deficiency signal generation section that generates a quality deficiency signal when reception quality at the mobile station apparatus is lower than a predetermined threshold value; and

a quality deficiency signal reporting section that reports the quality deficiency signal to the base station control apparatus when the number of times said quality deficiency signal is generated per unit time is greater than or equal to a predetermined number of times.

21. (New) A base station apparatus that is controlled by a base station control apparatus and that performs data transmission to and reception from a mobile station apparatus by way of radio communication, said base station apparatus comprising:

a quality deficiency detection section that receives a signal representing a comparison result of reception quality at the mobile station apparatus and a predetermined threshold value, detects that the reception quality is lower than the predetermined threshold value and generates a quality deficiency signal; and

a quality deficiency signal reporting section that reports the quality deficiency signal to the base station control apparatus.

22. (New) A mobile station apparatus that performs data transmission to and reception from a base station apparatus by way of radio communication, said mobile station apparatus comprising:

a reception quality detection section that detects reception quality of a transmission signal transmitted from the base station apparatus and generates a quality deficiency signal when the reception quality is lower than a predetermined threshold value; and

a quality deficiency signal generation section that generates a quality deficiency determination signal when the number of times said quality deficiency signal is generated per unit time is greater than or equal to a predetermined number of times and reports said quality deficiency determination signal to the base station apparatus.

23. (New) A base station control apparatus comprising a control signal transmission section that transmits a control signal to the base station apparatus of claim 19 so that when the

number of times said quality deficiency signal is reported per unit time is greater than a predetermined number of times, data transmission for the mobile station apparatus is switched from a High Speed Downlink Packet Access (HSDPA) mode to a Dedicated Downlink Physical Channel (DPCH) mode.